16432

LOGARITHMIC SPEED SCALE

1 2 3 4 5 6 7 8 9 10 15 20 25 30 40 50 60

To find SPEED, place one point of dividers on nautical miles run and the other on minutes run. Without changing divider spread, place right point on 60 and left point with then indicate speed in knots. Example, with 4.0 miles run in 15 minutes, the speed is 16.0 knots.

1st Ed., Sept. 1943

173° 10' East Longitude

Nautical Miles

Yards

CAUTION

Bottom uplift from 4 to 7 feet has been reported in various locations of Massacre Bay due to recent earthquake activity in the Attu Island area. Mariners are cautioned to expect depths shoaler than charted, as the extent of change is not known.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center eg 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

UNITED STATES
ALASKA – ALEUTIAN ISLANDS
MASSACRE BAY
ATTU ISLAND

Mercator Projection
Scale 1:25,000 at Lat. 52°46'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO ELEVEN FATHOMS)
AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

HEIGHTS
Heights in feet above Mean High Water

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Geological Survey and U.S. Coast Guard

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLLW)			
Name (LAT-LONG)	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Massacre Bay (52°42'N -173°12'W)	3.3			-3.0
NOTE: The tide is chiefly diurnal				

(49K)

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84) Geographic positions referred to the North American Datum of 1927 must be corrected an average of 5.91" southward and 10.90" westward to agree with this chart.

WIRE DRAGGED AREAS

The area broken green was swept in 1944-53 for previously undetected dangers to navigation. All dangers found are shown on this chart.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 9 for important supplemental information.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

CAUTION

Numerous obstructions are reported to exist in Pyramid Cove and Massacre Bay.

WARNING

The use of this chart may not fully satisfy the needs and requirements particular to any vessel and her navigation. Prudent mariners will also use all other appropriate navigational information.

ATTU ISLAND

Terrible Mt.

Lake (Frozen)

Jacques Point

Gilbert Ridge

Navy Cove

NAVY TOWN

Pyramid Cove

Peaceful River

LORAN TOWER ATTU ISLAND

Casco Beach

Casco Cove

Kinsfather Creek

West Channel

TOWER

RADIO TOWERS

TANK

Murder Point

MASSACRE BAY

Alexai Cove

Alexai Creek

Alexai Beach

Wild Rose Beach

Thrasher Cove

East Channel

Hidaway Beach

WATERFALL

Engineer Beach

McCloud Head

Buchanan Pt.

Hooper I.

Chirikof Pt.

Crossmount Peak

Sawtooth Ridge

Sandy Beach

Peaceful River

BERING

PACIFIC OCEAN

(CONTINUED ON CHART 16431)

10th Ed., July 21/90 ■

16432

C55.4187:16432/990

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left-hand corner.

UPDATING SERVICE
FOR THIS CHART, A listing of NOTICE TO MARINERS corrections subsequent to the date shown in the lower left-hand corner is available from the Director, Charting and Geodetic Services (N/CG2), National Ocean Service, NOAA, Rockville, Maryland 20852.

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

1st Ed., Sept. 1943

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

Nautical Chart Catalog No. 3, Facet 4

UNITED STATES
ALASKA – ALEUTIAN ISLANDS

MASSACRE BAY

ATTU ISLAND

Mercator Projection
Scale 1:25,000 at Lat. 52°46'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO ELEVEN FATHOMS)
AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Geological Survey, Army and U.S. Coast Guard.

TIDAL INFORMATION

Place	(LAT./LONG.)	Heights referred to datum of soundings (MLLW)			
		Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
Massacre Bay	(52°50'N / 180°48'W)	feet 3.3	feet —	feet —	feet -4.0

NOTE: The tide is chiefly diurnal.

(490)

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 5.91" southward and 10.901" westward to agree with this chart.

KIPE CRADLED AREAS
The area tinted green with sweep in 1944 (U.S.) is previously undetected dangers to navigation. All dangers found are shown on this chart.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 9 for important supplemental information.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

(CONTINUED ON CHART 16431)
(CONTINUED ON CHART 16421)

ISLAND
Jackson Point
Gilbert Ridge
E BAY
Alexai Cove
Alexai Creek
Alexai Beach
Alexai Pt
Bird Rock
East Channel
Massacre Bay
Holtz Bay
Buchanan Pt
Hope I
Buchanan Hill 1,360
Casserole Point
Casserole Beach
McNew Hill
Chirikof Pt
Chirikof Beach
WATERFALL
Holtz Beach
Gartner Beach
McCloud Head
BERING SEA
PACIFIC OCEAN
MAGNETIC
VAR 21°E (1990)
ANNUAL DECREASE 3'
VAR 2°30'E (1990)
ANNUAL DECREASE 3'
Nautical Miles
Yards
173° 30' East Longitude

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

(Massacre Bay)
SOUNDINGS IN FATHOMS - SCALE 1:25,000

16432